

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	365	(SHIMODA.in. or MASATOSHI.in.) and (exhaust near4 gas) and (engine)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/12/20 08:03
S2	120	(SHIMODA.in. or MASATOSHI.in.) and (exhaust near4 gas) and (engine) and (cataly\$4)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/12/20 08:03
S3	12	(SHIMODA.in. or MASATOSHI.in.) and (exhaust near4 gas) and (engine) and (cataly\$4) and (plasma)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/12/20 08:12

## EAST Search History

S4	89	( (exhaust near4 gas) and (engine) and (cataly\$4) and (plasma) ).CLM.	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 08:13
S5	65	( (exhaust near4 gas) and (engine) and (cataly\$4) and (plasma) and (oxid\$4 or oxidation) ).CLM.	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 08:13
S6	37	( (exhaust near4 gas) and (engine) and (cataly\$4) and (plasma) and (oxid\$4 or oxidation) and (temperature) ).CLM.	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 08:13
S7	1470	(exhaust near4 gas) and (engine) and (cataly\$4) and (plasma)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 08:13

## EAST Search History

S8	1318	(exhaust near4 gas) and (engine) and (cataly\$4) and (plasma) and (oxid\$4 or oxidation)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 08:13
S9	1210	(exhaust near4 gas) and (engine) and (cataly\$4) and (plasma) and (oxid\$4 or oxidation) and (temperature)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 08:13
S10	597	(exhaust near4 gas) and (engine) and (cataly\$4) and (plasma) and (oxid\$4 or oxidation) and ((rais\$4 or increas\$4) near4 temperature)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 08:14
S11	503	(exhaust near4 gas) and (engine) and (cataly\$4) and (plasma) and (oxid\$4 or oxidation) and ((rais\$4 or increas\$4) near4 temperature) and (electric\$4)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 10:25

## EAST Search History

S12	111	(exhaust near4 gas) and (engine) and (cataly\$4) and (plasma near4 (reactor or generator)) and (oxid\$4 or oxidation) and ((rais\$4 or increas\$4) near4 temperature) and (electric\$4)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 08:21
S13	55	(exhaust near4 gas) and (engine) and (cataly\$4) and (plasma near4 (reactor or generator)) and (oxid\$4 or oxidation) and ((rais\$4 or increas\$4) near4 temperature) and (electric\$4) and ((post\$4 or additiona\$4 or supplement\$4 or exhaust or second\$4 ) near4 (inject\$4 or meter\$4))	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 08:37
S14	66	(exhaust near4 gas) and (engine) and (cataly\$4) and (plasma near4 (reactor or generator)) and (oxid\$4 or oxidation) and ((rais\$4 or increas\$4) near4 temperature) and ((post\$4 or additiona\$4 or supplement\$4 or exhaust or second\$4 ) near4 (inject\$4 or meter\$4))	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 08:48

## EAST Search History

S15	68	(exhaust near4 gas) and (engine) and (cataly\$4) and (plasma near4 (reactor or generator)) and (oxid\$4 or oxidation) and ((rais\$4 or increas\$4) near4 temperature) and ((post\$4 or additiona\$4 or supplement\$4 or exhaust or second\$4 ) ) and ((fuel) near4 (inject\$4 or meter\$4))	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 08:54
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## EAST Search History

S16	177	("20020012618"   "20020056273"   "20020165063"   "20020194835"   "20030010022"   "20040107695"   "2787730"   "3018409"   "3035205"   "3423562"   "3440800"   "3558286"   "3594609"   "3622493"   "3649195"   "3755131"   "3779182"   "3841239"   "3879680"   "3894605"   "3982962"   "3992277"   "4036131"   "4036181"   "4059416"   "4099489"   "4144444"   "4168296"   "4303552"   "4339564"   "4359862"   "4372111"   "4436793"   "4441971"   "4451441"   "4458634"   "4469932"   "4473622"   "4477417"   "4485621"   "4515758"   "4516990"   "4522894"   "4535588"   "4576617"   "4578955"   "4625511"   "4625681"   "4645521"   "4651524"   "4657829"   "4670233"   "4720376"   "4720972"   "4759918"   "4828807"   "4830492"   "4841925"   "4849274"   "4902487"   "4928227"   "4954320"   "4963792"   "4967118"   "5095247"   "5100632"   "5138959"   "5143025"   "5155994"   "5159900"   "5205912"   "5207185"   "5208205"   "5212431"   "5228529"   "5236672"   "5263317"   "5272871"   "5284503"   "5293743"   "5317996"   "5362939"   "5409784"   "5409785"   "5412946"   "5419123"   "5422085"   "5423180"   "5423904"   "5424044"   "5425333"   "5427350"	US-PGPU B; USPAT; USOCR	OR	ON	2006/12/20 08:55
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## EAST Search History

S17	59	("5711147"   "6772584"   "6775972"   "6938409"   "6955041"   "6959542"   "7043902").URPN.	USPAT	OR	ON	2006/12/20 08:55
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## EAST Search History

S18	222	("20020012618"   "20020056273"   "20020165063"   "20020194835"   "20030010022"   "20040107695"   "2787730"   "3018409"   "3035205"   "3423562"   "3440800"   "3558286"   "3594609"   "3622493"   "3649195"   "3755131"   "3779182"   "3841239"   "3879680"   "3894605"   "3982962"   "3992277"   "4036131"   "4036181"   "4059416"   "4099489"   "4144444"   "4168296"   "4303552"   "4339564"   "4359862"   "4372111"   "4436793"   "4441971"   "4451441"   "4458634"   "4469932"   "4473622"   "4477417"   "4485621"   "4515758"   "4516990"   "4522894"   "4535588"   "4576617"   "4578955"   "4625511"   "4625681"   "4645521"   "4651524"   "4657829"   "4670233"   "4720376"   "4720972"   "4759918"   "4828807"   "4830492"   "4841925"   "4849274"   "4902487"   "4928227"   "4954320"   "4963792"   "4967118"   "5095247"   "5100632"   "5138959"   "5143025"   "5155994"   "5159900"   "5205912"   "5207185"   "5208205"   "5212431"   "5228529"   "5236672"   "5263317"   "5272871"   "5284503"   "5293743"   "5317996"   "5362939"   "5409784"   "5409785"   "5412946"   "5419123"   "5422085"   "5423180"   "5423904"   "5424044"   "5425222"   "5427250"	US-PGPU B; USPAT; USOCR	OR	ON	2006/12/20 08:55
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## EAST Search History

S19	63	((("20020012618"   "20020056273"   "20020165063"   "20020194835"   "20030010022"   "20040107695"   "2787730"   "3018409"   "3035205"   "3423562"   "3440800"   "3558286"   "3594609"   "3622493"   "3649195"   "3755131"   "3779182"   "3841239"   "3879680"   "3894605"   "3982962"   "3992277"   "4036131"   "4036181"   "4059416"   "4099489"   "4144444"   "4168296"   "4303552"   "4339564"   "4359862"   "4372111"   "4436793"   "4441971"   "4451441"   "4458634"   "4469932"   "4473622"   "4477417"   "4485621"   "4515758"   "4516990"   "4522894"   "4535588"   "4576617"   "4578955"   "4625511"   "4625681"   "4645521"   "4651524"   "4657829"   "4670233"   "4720376"   "4720972"   "4759918"   "4828807"   "4830492"   "4841925"   "4849274"   "4902487"   "4928227"   "4954320"   "4963792"   "4967118"   "5095247"   "5100632"   "5138959"   "5143025"   "5155994"   "5159900"   "5205912"   "5207185"   "5208205"   "5212431"   "5228529"   "5236672"   "5263317"   "5272871"   "5284503"   "5293743"   "5317996"   "5362939"   "5409784"   "5409785"   "5412946"   "5419123"   "5422085"   "5423180"   "5423904"   "5424044"   "5425333"   "5427350"	US-PGPU B; USPAT; USOCR	OR	ON	2006/12/20 08:56
12/20/2006 6:46:25 PM		Page 9				
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## EAST Search History

S20	83	(("20020012618"   "20020056273"   "20020165063"   "20020194835"   "20030010022"   "20040107695"   "2787730"   "3018409"   "3035205"   "3423562"   "3440800"   "3558286"   "3594609"   "3622493"   "3649195"   "3755131"   "3779182"   "3841239"   "3879680"   "3894605"   "3982962"   "3992277"   "4036131"   "4036181"   "4059416"   "4099489"   "4144444"   "4168296"   "4303552"   "4339564"   "4359862"   "4372111"   "4436793"   "4441971"   "4451441"   "4458634"   "4469932"   "4473622"   "4477417"   "4485621"   "4515758"   "4516990"   "4522894"   "4535588"   "4576617"   "4578955"   "4625511"   "4625681"   "4645521"   "4651524"   "4657829"   "4670233"   "4720376"   "4720972"   "4759918"   "4828807"   "4830492"   "4841925"   "4849274"   "4902487"   "4928227"   "4954320"   "4963792"   "4967118"   "5095247"   "5100632"   "5138959"   "5143025"   "5155994"   "5159900"   "5205912"   "5207185"   "5208205"   "5212431"   "5228529"   "5236672"   "5263317"   "5272871"   "5284503"   "5293743"   "5317996"   "5362939"   "5409784"   "5409785"   "5412946"   "5419123"   "5422085"   "5423180"   "5423904"   "5424044"   "5425222"   "5427250"	US-PGPU B; USPAT; USOCR	OR	ON	2006/12/20 09:00
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## EAST Search History

S21	107	(exhaust near4 gas) and (engine) and (cataly\$4) and (plasma) and (oxid\$4 or oxidation) and ((rais\$4 or increas\$4) near4 temperature) and (electric\$4) and (60/272-324.ccls.)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 12:36
S22	6	(exhaust near4 gas) and (engine) and (cataly\$4) and (plasma) and (oxid\$4 or oxidation) and ((rais\$4 or increas\$4) near4 temperature) and (electric\$4) and ("48"/\$. ccls.)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 10:39
S23	88	(exhaust near4 gas) and (engine) and (cataly\$4) and (plasma) and (oxid\$4 or oxidation) and ((rais\$4 or increas\$4) near4 temperature) and (electric\$4) and ("422"/\$. ccls.)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 12:35
S24	240	(exhaust near4 gas) and (engine) and (cataly\$4) and (plasma) and (oxid\$4 or oxidation) and (electric\$4) and ("422"/\$. ccls.)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 12:35

## EAST Search History

S25	216	(exhaust near4 gas) and (engine) and (cataly\$4) and (plasma) and (oxid\$4 or oxidation) and (electric\$4) and (60/272-324.ccls.)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 12:42
S26	162	(exhaust near4 gas) and (engine) and (cataly\$4) and (plasma and (reactor or generator)) and (oxid\$4 or oxidation) and (electric\$4) and (60/272-324.ccls.)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 12:42
S27	137	S26 NOT S15	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/12/20 12:42
S28	17	("4076606"   "4954320"   "5022226"   "5208205"   "5236672"   "5336476"   "5424044"   "5440876"   "5474747"   "5492678"   "5500194"   "5534237"   "5698012"   "5711147"   "5715677"   "5746984"   "5891409").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2006/12/20 12:55

## EAST Search History

S29	35	("5891409").URPN.	USPAT	OR	ON	2006/12/20 12:55
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